

Annexure II : Seat Matrix and MEQs for various Academic Programmes

Admitting Institute	Academic Programme	Discipline name (Program code)	JAM Test Paper(s)	Minimum Educational Qualifications (MEQs)	General	EWS	OBC	SC	ST	Total
				Essential subjects in Bachelor's Degree along with minimum duration						
IIT Bhilai	M.Sc.	Chemistry (2801)	CY	Chemistry for three years/six semesters.	8	2	5	3	2	20
		Mathematics & Computing (2802)	MA	Mathematics for at least two years/four semesters.	7 + 1*	2	5 + 1*	3	1	20
		Physics (2803)	PH	B.Sc./B.S. degree with Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	8	2	5	3	1 + 1*	20
IIT Bhubaneswar	Joint M.Sc.-Ph.D.	Chemistry (1901)	CY	Chemistry for three years/six semesters.	10	2	7	3 + 1*	2	25
		Mathematics (1902)	MA	Mathematics/ Statistics as a subject for at least two years/four semesters.	9 + 1*	2 + 1*	6	3	2	24
		Physics (1903)	PH	B.Sc./B.S. degree with Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for Engineering degrees.	10	3	7 + 1*	4	2	27
		Geology (1904)	GG	Geology as a subject for three years/ six semesters and any two subjects among Mathematics, Physics and Chemistry.	9 + 1*	2	7	4	2	25
		Atmosphere & Ocean Sciences (1905)	GG/ PH/ MA/ MS/ CY	Mathematics and Physics with any one of these subjects among Chemistry, Computer Science, Computer Application, Geology and Statistics.	9 + 1*	2	6	4	2	24
IIT Bombay	M.Sc.	Applied Geology (1201)	GG	Geology for three years/six semesters and any two subjects among Mathematics, Physics, Chemistry and Biological Science.	14 + 1*	4	9 + 1*	6	3	38
		Applied Geophysics (1202)	PH	Physics and Mathematics/ Mathematical Physics for two years/four semesters and at least one of them as subject for three years/six semesters.	8	2	4 + 1*	3	2	20
		Statistics (1203)	MS	No Restrictions.	19	4 + 1*	13	6 + 1*	4	48
		Biotechnology (1204) @	BT	Any Branch/Subject.	13 + 1*	3 + 1*	9	5	3	35
		Chemistry (1205)	CY	Chemistry for three years/six semesters and Mathematics for one year/two semesters.	22 + 1*	5 + 1*	14 + 1*	9	4	57
		Mathematics (1206)	MA	No Restrictions.	15	4	9 + 1*	5 + 1*	3	38
		Physics (1207)	PH	B.Sc./B.S. degree with Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	23 + 1*	6	16	8 + 1*	4 + 1*	60
		Operations Research (1214)	MA MS	No Restrictions.	3 3	1 0 + 1*	2 2	1 1	0 1	7 8

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				Essential subjects in Bachelor's Degree along with minimum duration							
IIT Bombay	M.Sc.-Ph.D. Dual Degree	Energy Science and Engineering (1212)	CY	B.Sc. or equivalent of minimum three years duration, with any one of Chemistry, Mathematics and Physics for two years/four semesters and any one of the remaining two subjects for at least one year/two semesters.	4	1	2	1	1	9	
			MA		1	0	2	0 + 1*	0	4	
			PH		4	1	2	1	1	9	
		Environmental Science and Engineering (1213)	BT		Any one of Biology, Biotechnology, Chemistry, Mathematics and Physics for two years/four semesters, and any one of the other four subjects for at least one year/two semesters and Mathematics for at least one semester.	1	1	1	0	0	3
			CY			2	0	1	1	0 + 1*	5
			PH			1	0	1	0	0	2
			MA			1	0	0	1	0	2
IIT Delhi	M.Sc.	Chemistry (1301)	CY	Chemistry for three years/six semesters.	27 + 1*	6 + 1*	17 + 1*	10	5	68	
		Mathematics (1302)	MA	B.Sc./B.S. degrees, Mathematics for at least two years/four semesters. No restrictions for engineering degrees.	27 + 1*	7	17 + 1*	9 + 1*	5	68	
		Physics (1303)	PH	B.Sc./B.S. degree, Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	26 + 2*	7	17 + 1*	10	4 + 1*	68	
		Economics (1304)	EN	B.A. /B.Sc. /B.Com. / B.Stat. /B.Math. /B.Tech /B.E. or equivalent with minimum of three years of education after completing higher secondary schooling (10+2) or equivalent.	9 + 1*	2	7	3 + 1*	2	25	
IIT (ISM) Dhanbad	M.Sc.	Chemistry (2601)	CY	Chemistry for three years/six semesters.	26 + 1*	6	17 + 1*	10	5	66	
		Mathematics & Computing (2602)	MA	Mathematics for at least two years/four semesters.	21 + 1*	6	15	7 + 1*	4	55	
		Physics (2603)	PH	B.Sc./B.S. degree with Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	21 + 1*	6	15	8	3 + 1*	55	
	M.Sc. (Tech.)	Applied Geology (2604)	GG	B.Sc. degree (03 years) with Geology as a subject for three years/six semesters along with Mathematics as one subject, and any one subject out of Physics and Chemistry.	26 + 1*	6	17 + 1*	10	5	66	
		Applied Geophysics (2605)	PH	B.Sc. Degree with physics for three years/six semesters. Mathematics with two semesters/one year and any one subject among Chemistry, Electronics, Statistics, Geology, and Computer Science with two semesters/one year.	22	6	15	7 + 1*	4	55	
IIT Gandhinagar	M.Sc.	Chemistry (2001)	CY	No Restrictions.	15 + 1*	3 + 1*	11	5 + 1*	3	40	
		Mathematics (2002)	MA	No Restrictions.	17 + 1*	5	12	7	3	45	
		Physics (2003)	PH	No Restrictions.	17 + 1*	5	12	6 + 1*	3	45	

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				Essential subjects in Bachelor's Degree along with minimum duration						
IIT Guwahati	M.Sc.	Chemistry (1401)	CY	Chemistry for three years/six semesters.	23 + 2*	6	16	9	3 + 1*	60
		Mathematics & Computing (1402)	MA	Mathematics for at least two years/four semesters.	11 + 1*	3	7 + 1	5	2	30
		Physics (1403)	PH	B.Sc./B.S. degree with Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	22 + 2*	6	16	9	4 + 1*	60
		Mathematics (1404)	MA	Mathematics for at least two years/four semesters.	12	2 + 1*	8	4 + 1*	2	30
IIT Hyderabad	M.Sc.	Chemistry (2101)	CY	Chemistry for three years/six semesters.	16	3 + 1*	11	5 + 1*	3	40
		Mathematics/ Mathematics & Computing (2102)	MA	Mathematics for at least two years/four semesters. No restrictions for engineering degrees.	11	2	5 + 1*	4	2	25
		Physics (2103)	PH	B.Sc./B.S. degree, physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	15 + 1*	4	11	6	2 + 1*	40
IIT Indore	M.Sc.	Chemistry (2201)	CY	Chemistry for three years/six semesters.	12	3	8 + 1*	4	2	30
		Physics (2202)	PH	B.Sc./B.S. degree with Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	12	2 + 1*	8 + 1*	4	2	30
		Mathematics (2203)	MA	Mathematics for at least two years/four semesters.	8 + 1*	2	4	2 + 1*	2	20
		Biotechnology (2204)	BT	Any Branch/Subject.	6 + 1*	1	4	2	1	15
		Astronomy (2205)	PH	B. Sc in Physics / Mathematics / Statistics / Electronics / Computer Science. No restrictions for engineering degrees.	6	1	4	3	1	15
IIT Jammu	M.Sc.	Chemistry (3201)	CY	Chemistry for three years/six semesters.	8	2	6	2 + 1*	1	20
		Physics (3202)	PH	B.Sc./B.S. degree with Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	8	2	6	2 + 1*	1	20
IIT Jodhpur	M.Sc.	Chemistry (2401)	CY	Chemistry for three years/six semesters.	8	2	6	3	1	20
		Mathematics (2402)	MA	Mathematics for at least two years/four semesters.	7	2	6	4	1	20
		Physics (2403)	PH	B.Sc./B.S. degree with Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	8	2	6	3	1	20

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				Essential subjects in Bachelor's Degree along with minimum duration						
IIT Jodhpur	M.Sc.- M.Tech. Dual Degree	Mathematics-Data & Computational Sciences (2404)	MA	Mathematics for at least two years/four semesters.	3 + 1*	1	2	2	1	10
		Physics and Materials Engineering (2405)	PH	B.Sc./B.S. degree with Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	6	1	3	2	1	13
		Chemistry and Materials Engineering (2406)	CY	B.Sc./B.S. degree with Chemistry for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	5	1	4	2	1	13
IIT Kanpur	M.Sc.	Chemistry (1501)	CY	Chemistry for three years/six semesters.	19 + 1*	5	12 + 1*	7	4	49
		Mathematics (1502)	MA	No Restrictions.	19 + 1*	5	12 + 1*	7	3 + 1*	49
		Physics (1503)	PH	B.Sc./B.S. degree, Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	14 + 1*	3 + 1*	10	6	3	38
		Statistics (1504)	MS	No Restrictions.	24 + 1*	6	16 + 1*	8 + 1*	5	62
	M.Sc.-Ph.D. Dual Degree	Physics (1505)	PH	B.Sc./B.S. degree, Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	8	2	5	2 + 1*	2	20
IIT Kharagpur	Joint M.Sc.- Ph.D.	Chemistry (1601)	CY	B.Sc./B.S. degree with at least six Chemistry subjects for six semesters / three years.	22 + 1*	6	14 + 1*	8 + 1*	4	57
		Geology (1602)	GG	B.Sc./B.S. degree including Geology subjects for 6 semesters / 3 years, and any one of the following combinations. a) 2 Physics subjects + 2 Mathematics subjects. b) 2 Physics subjects + 2 Chemistry subjects. c) 2 Chemistry subjects + 2 Mathematics subjects.	14 + 1*	4	9 + 1*	6	3	38
		Mathematics (1603)	MA	Mathematics/Statistics subjects for six semesters / three years.	15	4	9 + 1*	5 + 1	3	38
		Physics (1604)	PH	B.Sc. degree with at least 4 Physics subjects and 2 Mathematics subjects.	23 + 1*	6	15 + 1*	9	3 + 1*	59
		Geophysics (1605)	GG	B.Sc. degree together with either of the following, with minimum number of subjects in respective domains.	6	2	4	2	0 + 1*	15
			PH	(i) Geology subjects for 6 semesters or 3 years, and 2 Physics subjects + 2 Mathematics subjects. (ii) Physics subjects for 6 semesters or 3 years, and 2 Mathematics.	6	2	4	1 + 1*	1	15

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IIT Madras	M.Sc.	Chemistry (1701)	CY	B.Sc./B.S. degree with Chemistry for at least six semesters/three years, along with mathematics for two semesters/one year.	25 + 2*	6 + 1*	17 + 1*	10	5	67
		Mathematics (1702)	MA	Mathematics for at least two years/four semesters.	19 + 1*	5	12 + 1*	7	3 + 1*	49
		Physics (1703)	PH	B.Sc./B.S. degree, Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	21 + 1*	5	15	7 + 1*	4	54
IIT Mandi	M.Sc.	Chemistry (3101)	CY	Chemistry for three years/six semesters.	12 + 1*	3	7 + 1*	5	2	31
		Applied Mathematics (3102)	MA	Mathematics for at least two years/four semesters.	11 + 1*	3	8	3 + 1*	3	30
		Physics (3103)	PH	B.Sc./B.S. degree, Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	12	2 + 1*	8	5	1 + 1*	30
	Physics (3104)	4 + 1*		1	3	2	1	12		
IIT Palakkad	M.Sc.	Chemistry (2901)	CY	No Restrictions.	8 + 1*	3	5	3	1	21
		Mathematics (2902)	MA, MS	At least four Mathematics courses in Bachelor's degree.	8	2 + 1*	5	3	2	21
		Physics (2903)	PH	No Restrictions.	7 + 1*	3	6	3	1	21
IIT Patna	M.Sc.	Chemistry (2501)	CY	Chemistry for three years/six semesters.	12 + 1*	3	8	4	2	30
		Mathematics (2502)	MA	Mathematics for at least two years/four semesters.	11 + 1*	3	8	5	2	30
		Physics (2503)	PH	B.Sc./B.S. degree, Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	12 + 1*	3	7 + 1*	4	2	30
IIT Roorkee	M.Sc.	Applied Geology (1801)	GG	Geology for three years/six semesters and any two subjects among Mathematics, Physics, Chemistry and Biological Science. No restrictions for engineering degrees.	8	2	4 + 1*	3	1	19
		Chemistry (1802)	CY	Chemistry for three years/six semesters. No restrictions for engineering degrees.	18	4	11 + 1*	7	2 + 1*	44
		Economics (1803)	EN	B.Sc. (Economics)/B.A. (Economics)/B.Sc. (Statistics)/ BCA and B.Sc./B.A/B.Com. with Mathematics as one of the subjects. No restrictions for engineering degrees.	13	2 + 1*	9	4 + 1	3	33
		Mathematics (1804)	MA	Mathematics for at least two years/four semesters. No restrictions for engineering degrees.	15	3 + 1*	10	5 + 1*	3	38
		Physics (1805)	PH	B.Sc./B.S. degrees, Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	12	3	8 + 1*	4	1 + 1*	30
		Biosciences and Bio Engineering (1806)	BT	Bachelor's Degree in any Branch/Subject	14	9	5	3	4	35

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				Essential subjects in Bachelor's Degree along with minimum duration						
IIT Ropar	M.Sc.	Chemistry (2302)	CY	Chemistry for three years/six semesters.	9 + 1*	3	7	3	2	25
		Mathematics (2301)	MA	Mathematics for at least two years/four semesters.	10	3	6	4	1 + 1*	25
		Physics (2303)	PH	B.Sc./B.S. degree with Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	10	1 + 1*	6 + 1*	4	2	25
IIT Tirupati	M.Sc.	Mathematics & Statistics (3001)	MA	No Restrictions.	6	1	4	3	1	15
			MS		2	0	2	0	1	5
		Chemistry (3002)	CY	Chemistry for three years/six semesters.	8	3	5	2+1*	1	20
		Physics (3003)	PH	B.Sc./B.S. degree with Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	7+1*	3	5	3	1	20
IIT (BHU) Varanasi	M.Sc.	Chemistry (2701)	CY	Chemistry for three years/six semesters.	9 + 1*	2	6 + 1*	4	2	25
		Physics (2702)	PH	B.Sc./B.S. degree with Physics for at least two years/four semesters and Mathematics for at least one year/two semesters. No restrictions for engineering degrees.	10	3	7	3	1 + 1*	25

* Indicates seats reserved for PwD Candidates.

@ The department may revise (a) the curriculum, (b) modes of assessment, and (c) duration of the academic program by taking into consideration the nature and extent of disability of each PwBD student. The Department will seek approval of each such revision by the Senate of the Institute. The Department, and thereby the Institute, reserves the right to implement such duly approved revisions, along with Reasonable Adjustments, specific to each PwBD student.

PwBD – Person with Benchmark Disability.

Note: Seat Matrix and MEQs are subject to change. The final Seat Matrix and MEQs will be available in the Admission brochure.